

Personalized Information System (PIS) Patent Filing

Title:

System and Method for Personalization of Information (Abstracts/Articles)

Abstract:

The invention is an application/system or otherwise referred as PIS is based on a taxonomy architecture. The taxonomy used in any implementation of PIS could be developed by a domain expert or derived from existing classification standards. The taxonomy will consist of categories relevant to the industry where PIS is going to be deployed.

PIS make use of an **automatic text categorisation engine** that will determine the meaning of an electronic document and then assign a category for the document. Once PIS ascertain the meaning of the document, PIS will route the document automatically to a category in the taxonomy. Routing of the document is done using the **user profiler**. The user profiler in PIS will determine one or more categories that is/are related to the user.

The categories that are relevant to the user would be listed (via a hyperlink) in the PIS graphical user interface when the user logs into PIS. To read the document from a particular category, the user will click the category's hyperlink and then the document's title under the same category would be listed (via a hyperlink). To read the document, the user will click the document's title (hyperlink) and the document will appear via an appropriate application depending on the document's original format.